



# CONSTRUCTION *update*

NOV.  
2017

New  
Projects

## BREAKING GROUND



### TULARE STREET UNDERPASS

#### DOWNTOWN FRESNO

Tulare Street is now completely closed between G and H streets. Crews will construct an underpass for Tulare Street traffic that will run below high-speed rail tracks and eliminate the current at-grade crossing for Union Pacific Railroad. The second phase of work will construct the new G Street crossing that will run adjacent to the tracks crossing over Tulare Street. Construction on a similar crossing is expected to begin about four blocks south on Ventura Street in mid-November.



### AVENUE 11 GRADE SEPARATION

#### MADERA COUNTY

Earthmoving has begun for the Avenue 11 Grade Separation, one of the newest construction activities on the high-speed rail project. Avenue 11 is now closed between Road 30 ½ and 33 ½ in Madera County. Crews recently began hauling in fill dirt to create a single span overcrossing that will take Avenue 11 traffic over the future high-speed rail line.



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# SAN JOAQUIN RIVER VIADUCT & PERGOLA

## *Featured Project*

Concrete girders are being trucked to the site of the San Joaquin River Viaduct on the south side of the San Joaquin River next to State Route 99. The girders will form the foundation for the lid of the pergola that will carry high-speed trains over the existing freight tracks and form one of the largest structures of high-speed rail construction. A total of 198 girders, each 121 feet long and weighing approximately 156,000 lbs. will be lifted with a crane and slowly lowered into place to form the lid.



**AVENUE 12 GRADE SEPARATION**  
**MADERA COUNTY**

A lot of activity can be seen at the Avenue 12 Grade Separation, just east of Madera Community College. Ironworkers are busy tying a steel rebar cage on the eastern abutment for the crossing over the freight rail line. When they finish, concrete forms will be placed on either side of the cage and concrete poured to create the abutment wall. To the west, the high-speed train structure is beginning to take shape as crews are drilling shafts and pouring concrete for abutments which make up the beginning and end of the bridge substructure.



**FRESNO TRENCH & STATE ROUTE 180**  
**PASSAGEWAY | FRESNO**

At the Fresno Trench crews are constructing the concrete caps and facade for the barrier walls that will line the sides of the excavation alongside the Union Pacific tracks north of State Route 180 (SR 180). The trench will cross under a rail spur, a canal and the highway. Other workers have excavated underneath a temporary extension of west-bound SR 180 and are working on the retaining walls that will make up the sides of the crossing under the highway.



STATE ROUTE 99 REALIGNMENT  
CENTRAL FRESNO

The new Clinton Avenue overpass on State Route 99 (SR 99) in the City of Fresno is anticipated to be opened soon. The old Clinton Avenue crossing was demolished last spring and a new bridge was constructed in its place as part of the State Route 99 Realignment Project for the high-speed rail program. The new overpass was necessary to meet the clearance requirements of the high-speed train. Work continues for the Clinton Avenue on-ramps and off-ramps, which are scheduled to open in the coming months. SR 99 is also being shifted about 100 feet to the west between Clinton and Ashlan avenues to make room for the high-speed rail corridor that will replace the current northbound lanes.



CEDAR VIADUCT | SOUTH FRESNO

The Cedar Viaduct is progressing well in south Fresno and is the longest and most visible structure being built on Construction Package 1. Two large sections of viaduct can be seen on both the north and south sides of Cedar Avenue. Crews are stripping falsework from one area while they prepare to link the two large sections across North Avenue. Eventually, the Cedar Viaduct will cross over State Route 99 and connect with a smaller viaduct at Muscat Avenue on the south side of the highway.

Kent Avenue



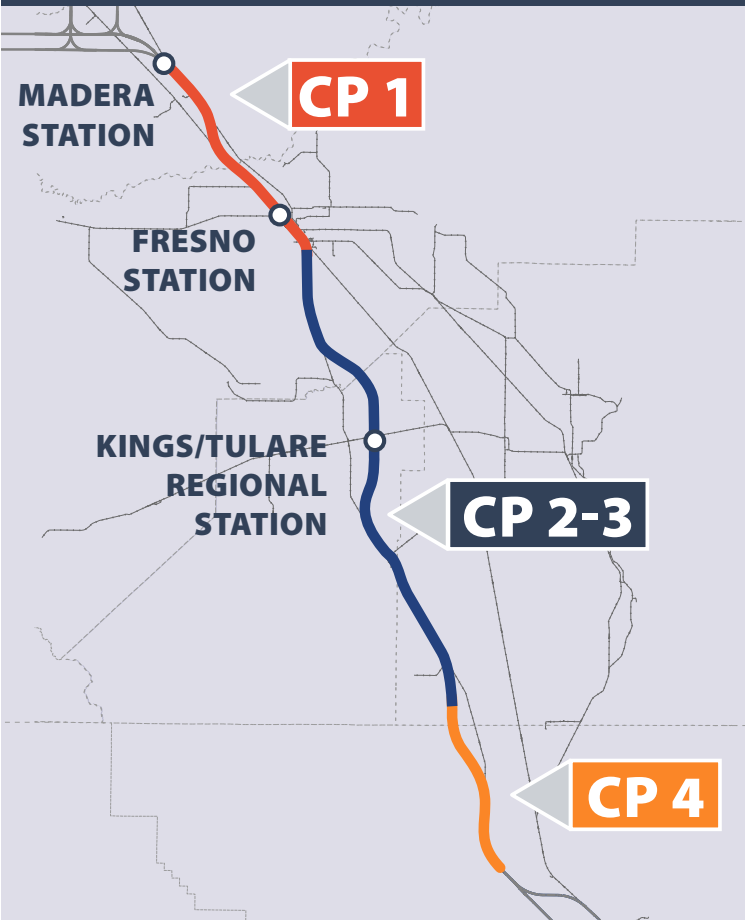
Kansas Avenue



CP 2-3 CONSTRUCTION ACTIVITIES | KINGS COUNTY

Construction has begun on two overcrossings that are a part of Construction Package 2-3 in Kings County. Just west of State Route 43 (SR 43) trucks working for contractor Dragados/Flatiron, Joint Venture (DFJV) have begun bringing in approximately 300,000 cubic yards of fill-dirt to create crossings over the high-speed rail lines for Kent Avenue and Kansas avenues, which will be realigned from their current corridor.

CONSTRUCTION  
PACKAGE 1 - 4 MAP



JOB NUMBERS AS OF SEPTEMBER 30

CONSTRUCTION LABOR WORKERS	CP 1:	↑ INCREASED 1089
	CP 2-3:	↑ INCREASED 257
	CP 4:	↑ INCREASED 106
↑ INCREASED 1452		

SMALL BUSINESS NUMBERS  
AS OF JULY 31

PAID TO SMALL BUSINESSES		SMALL BUSINESSES WORKING
CP 1:	\$126 M	120
CP 2-3:	↑ INCREASED \$11 M	↑ INCREASED 82
CP 4:	↑ INCREASED \$3.2 M	19

contact

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